

Dr 3523 - 3347
Juda - 3529 - 2602

Sugihue Reel *2

Correction Table 220 Cor.

Cor	Turn	Cor	Turn	Cor	Turn
0	50	31	1650	120	3250
0	100	33	1700	123	3300
0	150	35	1750	127	3350
1	200	37	1800	131	3400
1	250	39	1850	133	3450
1	300	41	1900	138	3500
2	350	43	1950	141	3550
2	400	45	2000	145	3600
3	450	47	2050	150	3650
3	500	50	2100	154	3700
4	550	53	2150	158	3750
5	600	55	2200	162	3800
5	650	57	2250	167	3850
6	700	60	2300	171	3900
7	750	63	2350	175	3950
8	800	66	2400	179	4000
9	850	68	2450	184	4050
10	900	71	2500	188	4100
11	950	74	2550	193	4150
12	1000	77	2600	197	4200
13	1050	80	2650	202	4250
14	1100	83	2700	206	4300
15	1150	86	2750	211	4350
16	1200	89	2800	216	4400
17	1250	92	2850	220	4440
18	1300	95	2900		
21	1350	99	2950		
22	1400	102	3000		
24	1450	106	3050		
25	1500	109	3100		
27	1550	113	3150		
29	1600	116	3200		
21					

Correction
of
Tanner Reel

348 Turns on Reel

Turns Correction

42 6672 + 1

73 6592 + 2

93 65157 + 3

158 65195 + 4

196 65348 + 5

~~420⁰⁰
219
3981~~ ~~197
177
26~~

~~420⁰⁰
478
3725~~

~~420⁰⁰
458
3750~~

~~197
150
41~~ ~~420⁰⁰
419
3782~~ ~~420⁰⁰
219
3981~~

~~219~~ ~~197~~ ~~197~~ ~~177~~
~~15~~ ~~197~~ ~~159~~ ~~20~~
~~160~~ ~~37~~

Next 1 Dredge N

3 3 2 3

$\frac{4200}{575}$

1625

197

170

197

24

47

X 0 0

No. 2629 by Date August 19, 1890

Tanner Machine. - Reel. -

Turns 42 Cor. + 1

Depth 43 fms

Shot or lead 28 lbs

Bottom bk. 8

Bottom temperature 41° 1

No. of Thermometer 63912 Cor. -

Corrected temperature 41. 8

Air 45° Surface 45° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

6 30.20 6.2145

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Pull 8 handwheels over bottom side at 6.22
Lever 6.35
Calc. 1 1/4 handwheels
9 lbs. 29 m

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3323 JV Date Aug. 19. 1890

Jammer Machine. Reel.

Turns 50 Cor. + 1 Depth 57 fms

Shot or lead 28 lbs

Bottom fine bk. 0

Bottom temperature 42°

No. of Thermometer 63.912 Cor. -

Corrected temperature 42°

Air 46° Surface 46° Drift. —

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
702.20	03.30	0	7 18:00	46:00
03.00	7.03.02	100	24.00	42.00
		150	26.00	7.40.00
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Put on 9 handles steel wire at 7.05
in at 4.15
Couch No

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1 Dog Flounder, Basket Star
 1 Hong fui sole, + 1 shee,
 1 small sculpin
 1 Lt. Sea Urchin
 2 Kinds of Star fish

No. 2530 N.Y.C. Date August 19th 1890.
 Tanner Machine. — Reel.

Turns 41 Cor. + 1 Depth 42 fms.

Shot or lead 28 lbs.

Bottom fr. S. Sh.

Bottom temperature 42.0°

No. of Thermometer 63912 Cor. -

Corrected temperature 42°

Air 46° Surface 46° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.05.00	8.07.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

10 fath. lines over side at 8.10
 to at 8.40
 Caught: — 53 Cod fish.
 5 Halibut.
 3 Sealskins.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

Cod SERIAL TEMPERATURE Measurements.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	6 lbs.	Minim $\frac{m}{m}$	25	$\frac{m}{m}$
50	23 lbs.	Maxim $\frac{m}{m}$	36	$\frac{m}{m}$
100	10 $\frac{1}{2}$ lbs.	Average	29 $\frac{1}{4}$	$\frac{m}{m}$
200				
300	25	Males.	28	Females.
400				
500				
600				
700	6 lbs.	Minim $\frac{m}{m}$	26	$\frac{m}{m}$
800	32 lbs.	Maxim $\frac{m}{m}$	43	$\frac{m}{m}$
900	15 $\frac{1}{2}$ lbs.	Average	34	$\frac{m}{m}$
1000				

REMARKS.

667

No. 2531 Hyd Date August 19th
Tanner Machine. — Reel.

Turns 15 Cor. + - Depth 15 fms.

Shot or lead 28 lbs

Bottom fms. 8. + 9.

Bottom temperature 44.5°

No. of Thermometer 63912 Cor. - .1

Corrected temperature 44.4°

Air 48° Surface 50° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 532 ~~Hyd~~ Date Nov. 1 1915
Tanner Machine. - Reel

Turns 39 Cor. + 1 Depth 60 fms

Shot or lead 28 lb

Bottom bk. S + G

Bottom temperature 42°

No. of Thermometer 63912 Cor. -

Corrected temperature 42°

Air 47 Surface 48° Drift.

Trawl or dredge or tangles.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.53.50	55.40	0		
54.40	7.54.50	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2533 N.Y. - Date August 20th 1890

Tanner Machine. - Reel.

Turns 46 Cor. + 1 Depth 47 fms.

Shot or lead 28 lbs.

Bottom S. & Sh.

Bottom temperature 47

No. of Thermometer 63912 Cor. - 1

Corrected temperature 47.3

Air 48° Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	84.3	Minim	.28	
50	22.5	Maxim	.37	"
100	5.5	Average.	.22	
200				
300	1	Males.		
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2534 N.Y. Date Aug. 26 1890.

Tanner Machine. - Reel.

Turns 38 Cor. + 1 Depth 3.9 fm.

Shot or lead 28 lbs.

Bottom bk. G. + Sh.

Bottom temperature 42.2

No. of Thermometer 63912 Cor. - .1

Corrected temperature 42.1

Air 48° Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.00	9.13.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	9 ^{16s.}	Minim ^m	27	
50	15 ^{16s.}	Maxim ^m	33	ⁱⁱ
100	11 ^{3/4} ^{16s.}	Average	30	ⁱ
200				
300	4	Mean.	6	32mai
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1535 Date August 25 1890

Turner Machine. - Reels

Turns 50 Cor. + Depth

Shot or lead

Bottom 450

Bottom temperature

No. of Thermometer 60912 Cor. - 1

Corrected temperature 42.9

Air 410 Surface 48" Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	6 lbs	Minim.	24	—
50	18 lbs	Maxim.	34	—
100	10 lbs	Average	29	—
200				
300	14	Minim.	14	Female
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

567
No. 2556 Hy Date August 20 1890.

Summer Machine. - Reel.

Turns 36 Cor. + 1 Depth 37 fms.

Shot or lead 28 lbs.

Bottom 44

Bottom temperature 42

No. of Thermometer 6 8912 Cor. - 1

Corrected temperature 42

Air 47 Surface 48 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
	15	500		
	31	600		
	20	700		
	5	800		
	25	900		
	4	1000		
	1	1100		
	3	1200		
	2	1300		
	1	1400		
	2	1500		
	1	1600		
	2	1700		
	1	1800		
	2	1900		
	1	2000		
	2	2100		
	1	2200		
	2	2300		
	1	2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

Jan 10 SERIAL TEMPERATURE *7:30 a.m.*

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	27	22	26	
50	27		27	
100	28	196	26 1/4	
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date

Machine. — Reel.

Turns 34 Cor. + 1 Depth

Shot or lead 28

Bottom

Bottom temperature 42°

No. of Thermometer 6391.2 Cor. - 1

Corrected temperature 42°

Air 47° Surface 48° Drift.

Trawl or dredge or tangles.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

11.19.47

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

3

1

At 11.22.
Catches

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3 Hyd Date August 20th 1890.
 Tanner Machine. Reel.

Turns 42 Cor. + 1 Depth 43 fms.

Shot or lead 28 lbs.

Bottom fms. 8.

Bottom temperature 41.5

No. of Thermometer 6 3912 Cor. -

Corrected temperature 41.5

Air 47° Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.53.00	11.55.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

Kalibet Meas.
SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	Max	8 165	27.00	
50	27.00	~		
100	27.00	~		
200	27.00	~		
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3.2 42 Date 1900 11/1911
 Tanner Machine Reel.

Turns 106 Cor. + 3 Depth 10

Shot or lead 28 lbs

Bottom ~~100~~ bk. S. G. & R.

Bottom temperature No regular

No. of Thermometer 63 4/2 Cor. -

Corrected temperature -

Air 41° Surface 41° Drift, 1/2

Trawl or dredge or tangles 1

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		106		
		200		
		300		27
		400	3	52
		500	3	
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Holothuria 4 kinds, Ca
2 kinds of 8 *2 kinds of 10*
2 kinds of 11 *2 kinds of 12*
2 kinds of 13 *2 kinds of 14*
2 kinds of 15 *2 kinds of 16*
2 kinds of 17 *2 kinds of 18*
2 kinds of 19 *2 kinds of 20*
2 kinds of 21 *2 kinds of 22*
2 kinds of 23 *2 kinds of 24*
2 kinds of 25 *2 kinds of 26*
2 kinds of 27 *2 kinds of 28*
2 kinds of 29 *2 kinds of 30*
2 kinds of 31 *2 kinds of 32*
2 kinds of 33 *2 kinds of 34*
2 kinds of 35 *2 kinds of 36*
2 kinds of 37 *2 kinds of 38*
2 kinds of 39 *2 kinds of 40*

5075
No. 3257 Date 11/18/1906

Machine. Reel.

Turns 276 Cor. + 8 Depth 25 fms

Shot or lead 38 lbs

Bottom gn m

Bottom temperature 38°

No. of Thermometer 63912 Cor. -

Corrected temperature 38°

Air Surface 9° Drift.

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
10.55	18.45	0	2.50	3.5 10
12.20	17.50	100		2.2 20
14.15	16.55	200		3.5 15
16.05	18.4	300		5 5
		400	3.2 2	
		500	5.6 1	
		600	7 0	
		700	7 0	
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

amphipods
 1 m. surface 1 Rock ~~1000~~
 1 m. 1000 1 Seermit Cink.
 1 fath. 1 Allig. 1
 1 fath. 1 Rock 1
 1 fath. 1 Rock 1

N.C.O.
No. 3326 L² Date August 26 1890.
Sigsbee Machine. 2 Reel.

Turns 528 Cor. + 48 Depth 576 fms.

Shot or lead 38 lbs.

Bottom 71°.

Bottom temperature 57°.

No. of Thermometer 63912. Cor. -

Corrected temperature 57.5 2 m

Air 55° Surface 57° Drift. S.E. x E. 1/2 E.

Trawl or dredge or tangles long beam 811 mud bag.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4.5		0	4.58.00	6.45.00
		100	5.03.00	
		200	07.10	
		300		
		400		
		500		
		600		
		700		
		800		
		900	30.25	
		1000	35.50	
		1100	40.00	
		1200	43.15	6.00.00
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	4440	220		
50	528	172		
100	3910	48		
200		528		
300		574		
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

inf. Benth. Worms. Bryozoa

No. 212 Date August 25th 1881
 Sounding Machine. 2 Reel.

Turns 295 Cor. + 27 Depth 322 fms.

Shot or lead 38 lbs.

Bottom 48.8.

Bottom temperature 38.2

No. of Thermometer 63.912 Cor. -

Corrected temperature 38.2

Air 41° Surface 41.9° Drift.

Trawl or dredge or tangles small

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1. 29.00	28.00	0	7.59.00	7.59.00
		100	7.59.00	7.59.00
		200	7.59.00	7.59.00
		300	7.59.00	7.59.00
		400	7.59.00	7.59.00
		500	7.59.00	7.59.00
		600	7.59.00	7.59.00
		680	7.59.00	7.59.00
		700	7.59.00	7.59.00
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	51.1	221		
50	48.5	221		
100	41.1	221		
200		221		
300		221		
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Few shrimps & kinds of small
fish, nothing else.

No. 25-3984 Date Aug 11

Machine. Reel.

Turns 572 Cor. + 52 Depth 624 fms

Shot or lead 38 lbs

Bottom fm. 72

Bottom temperature 38°

No. of Thermometer 63912 Cor. -

Corrected temperature 38°

Air 48° Surface 47° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

P.M.

DOWN.

UP.

TURNS.

DREDGE ROPE.

P.M.	DOWN.	UP.	TURNS.	DOWN.	UP.
			0		
	55.10	21.10	100		
	56.10	21.10	200		
	57.10	21.10	300		
	58.10	21.10	400		
	59.10	21.10	500		
	60.10	21.10	600		
			700		
			800		
			900		
			1000		
			1100		
			1200		
			1300		
			1400		
			1500		
			1600		
			1700		
			1800		
			1900		
			2000		
			2100		
			2200		
			2300		
			2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3327 Date 10/10/16
Singer Machine. #2 Reel.

Turns 530. Cor. + 48. Depth 578 fms

Shot or lead 38 lbs.

Bottom M

Bottom temperature 37°

No. of Thermometer 63912 Cor. -

Corrected temperature 37°

Air 47° Surface 47° Drift. 1 1/4 E

Trawl or dredge or tangles 1" 1/2" 7 lbs

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.	UP.	DOWN.	UP.
04.30	6.23.15	0	6.25.00
		100	29.10
		200	32.50
		300	37.00
		400	40.40
		500	44.10
		600	47.50
		700	52.15
		800	56.10
		900	7.00.30
		1000	06.15
		1100	11.00
		1200	15.30
		1300	7.44.00
		1400	
		1500	
		1600	
		1700	
		1800	
		1900	
		2000	
		2100	
		2200	
		2300	
		2400	

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	44.40	220		
50	53.0	172		
100	39.10	49		
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3329. JV		Date Dec. 21 1891
Sounding Machine. Reel.		
Turns 365	Cor. + 34	Depth 399 fm
Shot or lead	35 lbs	
Bottom	fm. bk. 8	
Bottom temperature	37.7	
No. of Thermometer	639 1/2 Cor.	
Corrected temperature	37.7	
Air 52°	Surface 57°	Drift. 1' 3 1/2
Trawl or dredge or tangles 1/2 a bag		
SOUNDING WIRE.		
DN. DOWN.	UP.	TURNS.
9.30.30	40.00	0
31.40	38.40	100
32.50	37.50	200
34.00	37.00	300
34.30	9.36.50	400
		500
		600
		700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400
DREDGE ROPE.		
DN. DOWN.	UP.	
9.45.20	11.01.20	
50	58.40	
3	56.10	
120	53.20	
10.00.10	50.40	
3.04	48.20	
0.6.40	45.35	
10.10	42.10	
13.50	10.38.00	

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1. C. chinensis, Sculffii,
16.11.1854. 5400 m.

2. Morina idea Ocularis

3. Macrurus, thunnus, Nemipterus
Many specimens, 3000 to 4000 m.
Nemipterus idea macrurus

No.

Date Wednesday 21st Nov 1891

Sightsee Machine. 1/2 Reel.

Turns 321 Cor. + 30 Depth 337 fms

Shot or lead 38

Bottom 6k 8

Bottom temperature 37.8

No. of Thermometer 63512 Cor. -

Corrected temperature 37.8 $\frac{7.0}{100}$ Air 52° Surface 51° Drift. N.E. $\frac{1}{4}$ E.

Trawl or dredge or tangle 1

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
30	35 10	0	11.57.40	1.00
50	53.30	100	12.01.00	..
67. 30	72 3	200	04.50	..
80	..	300	08.40	51.40
		400	12.30	46.31
		500	17.00	45.51
		600	20.44	42.00
		700	12.57.40	11.57.40
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500
	2600
	2700
	2800
	2900
	3000
	3100
	3200
	3300
2 8 9	3400
✓ 3 0	3500
2 8 1	3600
3	3700
	3800
	3900
	4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS. 4000-16

16 Octopuses. 1100-16
1 Octopus. few shells.

No.

Date

Sigsbee Machine. 12 Reel.

Turns 320 Cor. + 30 Depth 350 fms.

Shot or lead 38 lbs.

Bottom

Bottom temperature $44\frac{3}{4}(?)$

No. of Thermometer 63 912 Cor. —

Corrected temperature — $\frac{70}{100}$ miAir ~~50~~ Surface ~~50~~ Drift. N.E. \times E $\frac{1}{4}$ E.Trawl or dredge or tangles ~~100~~ ~~100~~

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1. 200	1. 200. 30	0	1. 30. 00	36.00
		100	34. 20	48.50
		200	38. 40	45.00
		300	45. 00	41.40
		400	49. 20	38.00
		500	53. 40	34.40
		600	57. 20	31.10
		700	2.01.40	2.28.00
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	77.7	2 2 5		
50		1 7 2		
100	77.7	2 2 5		
200				
300				
400				
500				
600				
700				
800				
900	77.7	2 2 5		
1000	77.7	2 2 5	0.7	77.0
0	77.7	Block Col.		Magnolia.

REMARKS.

100 f. above 800 f. ~~100 f. above~~
 M. lithurian. Many Chond.
 Des. lithurian. ~~100 f. above~~
 Detrital lith. ~~100 f. above~~
 Pyritized. ~~100 f. above~~
 Allig. ~~100 f. above~~

567

No. 3332. S. Date August 21st 1890.
 Sigsbee Machine. 2 Reel.

Turns 372 Cor. + 34 Depth 406 fms.

Shot or lead 38 lbs.

Bottom Key & S.

Bottom temperature Therm^o lost.

No. of Thermometer 63912 Cor. -

Corrected temperature -

Air 52 Surface 52 Drift, 12 m.

Trawl or dredge or tangles bear.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	3. 11.	11
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	44.46	220		
50	37.2	166		
100	40.76	34		
200		40.6		
300				
400				
500				
600				
700	24.0 fms.	1.38 lb lead, and		
800	1.77	2	1.63	1.63
900				
1000				

REMARKS.

Records..... worms.
 Ophiurans..... Macrurus.
 1100..... Scyphozoa.
 2 fms. 1000..... Planaria.
 Holothurians

No. 201 Date August 22nd 1890.
Machine. - Reel.
Turns 19 Cor. + - Depth 19 fms.
Shot or lead 28 lbs.

Bottom on M.

Bottom temperature 44.

No. of Thermometer 57 Cor. - 0.4

Corrected temperature 43.2

Air - Surface 48' Drift 7' 16

Trawl or dredge or tangles -

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
		0		
		60		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1/14. At 100 fms. 37.
1/14. At 200 fms. 37.
1/14. At 300 fms. 37.
1/14. At 400 fms. 37.
1/14. At 500 fms. 37.

567
No. 2540 Hy. \pm Date August 22nd 1890.

Hand lead Machine. Reel.

Turns — Cor. + — Depth 19 fms.

Shot or lead 1/2 lbs.

Bottom 71°.

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air 46° Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2541 Hyd Date Aug 12 1873.
 Tanner Machine. — Reel.

Turns — Cor. + — Depth 17

Shot or lead 12 lbs.

Bottom 61 m.

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air 46° Surface 48° Drift.

Trawl or dredge or tangles.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6.500	51	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 552 Date Aug. 22nd 1870.

Hand lead Machine. Reel.

Turns - Cor. + - Depth 19 fms.

Shot or lead, 12 lbs.

Bottom 5.7 M.

Bottom temperature -

No. of Thermometer - Cor. -

Corrected temperature -

Air 46° Surface 48° Drift.

Trawl or dredge or tangles -

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.10.00	7.12.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
.50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2543 Hyd. Date August 22
Danner Machine. - Reel.

Turns 35 Cor. + - Depth 351.

Shot or lead 28 lbs.

Bottom fine, gy. s.

Bottom temperature 43.?

No. of Thermometer 57260 Cor. - 0.4

Corrected temperature 43.3

Air 47° Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.21.00	7.22.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3334 S? Date August 22nd 1890.

Tanner Machine. - Reel.

Turns 49 Cor. + 1 Depth 50 fms.

Shot or lead 28 lbs

Bottom M. & S.

Bottom temperature 43°

No. of Thermometer 57260 Cor. - 0.4

Corrected temperature 42.6

Air 47° Surface 48° Drift. 11.111%

~~Trawl or dredge or tangles~~ Small

SOUNDING WIRE.		TURN\$.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
31.00	732.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Feb 14, 1871. 11.16
 (not corrected for
 therm. dilat. of
 final temp.)

No. 507 Hyd Date Aug 1 22 11.

Jannin Machine. - Reel.

Turns 62 Cor. + 1 Depth 63 fms.

Shot or lead 28 lbs.

Bottom fms. S. + M.

Bottom temperature 42.2

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 41.8

Air 47° Surface 48° Drift.

Trawl or dredge or tangles

SONDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2543 N.Y.S. Date Nov. 1860.

Tanner Machine. — Reel.

Turns 63 Cor. + 2 Depth 600.

Shot or lead 28 lb.

Bottom Inc. gy. S. + M

Bottom temperature 4

No. of Thermometer 37266 Cor. -0.1

Corrected temperature 41.1

Air 41.1 Surface 41.1 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3335-D Date February 22, 1890
 Machine. Reel.

Turns 91 Cor. + 2 Depth 93 fms

Shot or lead 2

Bottom m.

Bottom temperature 41°

No. of Thermometer 57260 Cor. -0.7

Corrected temperature 40.5

Air 47° Surface 47° Drift.

Trawl or dredge or tangles None

SOUNDING WIRE.

116

DOWN.

UP.

TURNS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

DREDGE ROPE.

116

DOWN.

UP.

34-18 7 12 00

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

... 20. Shallow
near Sea M

1615
567.

No. 2546 Kyd Date August 22 18

Hand Reel Machine. Reel.

Turns 23 Cor. + 0 Depth 23 fms

Shot or lead 12 lbs

Bottom bk 6

Bottom temperature —

No. of Thermometer / Cor. —

Corrected temperature —

Air 48° Surface 47° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9.21.00	9.22.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Peckover 10:45
Seawall 9:42
Culvert 2:20 60' off pier 1
2 1/4 miles west

2500
2600
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4000

Cod 211 measurements

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	Min.	6	65	24
50	Max	16	"	34
100	Avg	12 $\frac{1}{2}$	"	29 $\frac{1}{2}$
200	male	8	female	14
300				
400				
500				
600			23	"
700				
800				
900				
1000				

REMARKS.

No. 254746 Date of current 22nd 1890

Lead Line Machine. Reel.

Turns 17 Cor. + Depth 17 fm

Shot or lead 12 lb.

Bottom 62.9

Bottom temperature

No. of Thermometer — Cor.

Corrected temperature

Air 50° Surface 50° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
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		2000		
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SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	71 min	3 1/2 66	20	71
50	71 min	8 "	26	"
100	Avg.	6. "	24	"
200		6		
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2341 Date 1901
Machine. Reel.

Turns 53 Cor. + 1 Depth 54 fm

Shot or lead

Bottom true br. 8

Bottom temperature 42.2°

No. of Thermometer 72.6° Cor. -0.4

Corrected temperature 41.8°

Air 50° Surface 50° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
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Cod. Fish *1870*
SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	Min	11 1/2	165	29
50	Max	17 1/2	"	31 1/4
100	Aver	14 1/2	"	"
200		1		
300	3 Males & 2 Females			
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 323 Date Nov. 22, 1913
Machine. — Reel.
Turns 34 Cor. + 1 Depth 55 f.

Shot or lead 28 lbs

Bottom free. b.k. S

Bottom temperature

No. of Thermometer 6 Cor. -0.4

Corrected temperature 41.6

Air Surface Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
41.	43.	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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3700
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3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

~~3 1/2 miles~~
Few shrimp

No. 25	Date Dec 22	
<u>Tanner</u>	<u>Machine.</u>	<u>Reel.</u>
Turns 44	Cor. + 1	Depth 45 fms
Shot or lead 28 lbs		
Bottom	Ice. bk. S.	
Bottom temperature	41.8°	
No. of Thermometer	67260	Cor. -0.4
Corrected temperature	42.4	
Air 50°	Surface 52°	Drift.
Trawl or dredge or tangles		
SOUNDING WIRE.		DREDGE ROPE.
DOWN.	UP.	TURNs.
0000	11.11.20	0
		100
		200
		300
		400
		500
		600
		700
		800
		900
		1000
		1100
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		1300
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3900
4000

Cod

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	71.5	13	0.2	71.3
50	71.5	13	0.2	71.3
100	71.5	13	0.2	71.3
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2550 Hyg. Date August 22 91

Tanner Machine. Reel.

Turns 46 Cor. + 1 Depth 47 fm

Shot or lead 28 lbs

Bottom 6n. 71

Bottom temperature 43.7

No. of Thermometer 37260 Cor. -0.4

Corrected temperature 43.3

Air 54° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
40.30	1142.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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11 62

11 2.00

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3600"
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3900
4000

Cod Measurements
SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	Min	4½ 66	23	in
50	Max	21 "	2	
100	Arg	12½		
200				
300		2 Females		
400.				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2551 Hyd. Date Aug. 10
Machine. Reel.

Turns 57 Cor. + 1 Depth 58 fms.

Shot or lead 28 lbs.

Bottom fr. 71

Bottom temperature 42.5

No. of Thermometer 57 260 Cor. -0.4

Corrected temperature 42.1

Air 54° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS. M	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
17.0	17.0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

567
No. 2553 ~~By~~ Date Jan 1876
Hand lead Machine. - Reel.

Turns - Cor. + - Depth 13 fms.

Shot or lead 12 lbs.

Bottom crs. bk. S.

Bottom temperature -

No. of Thermometer - Cor. -

Corrected temperature -

Air 54° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.22.00	12.23.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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3100
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3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 253 vis Date Aug 1900
James Machine. Reel.

Turns 41 Cor. + Depth 2.

Shot or lead 1.

Bottom 1.

Bottom temperature 57.1

No. of Thermometer 572.0 Cor. -0.7

Corrected temperature 56.3

Air 46 Surface 47 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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3900
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2554 by Date August 26, 00
Tanner Machine. Reel.

Turns 26 Cor. + 0 Depth 26 fms.

Shot or lead 28 lbs

Bottom 8 h. + 10

Bottom temperature 46.2

No. of Thermometer 57260 Cor. - 0.4

Corrected temperature 45.8

Air 46 Surface 47 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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		2100		
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3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1213 Date Nov. 26 1890
Machine. Reel.

Turns 47 Cor. + 1 Depth 48 fms

Shot or lead 28

Bottom

Bottom temperature 45.3

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 44.9

Air 54° Surface 46° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
517.00	518.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
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3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3371 Date August 20
Sigsbee Machine. 12 Reel.

Turns 257 Cor. + 23. Depth 28

Shot or lead 38 lbs.

Bottom gr. 71.6 Y. R.

Bottom temperature 40

No. of Thermometer 5 Cor. - 0.7

Corrected temperature 39.3

Air 55 Surface 41 Drift. 1 mi E.N.E.

Trawl or dredge or tangles None

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	6.0	7.26.0
		100	11.0	11.0
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
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3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	17.2°	1		
50	17.5°	2		
100	17.6°	3		
200		4		
300		5		
400		6		
500		7		
600		8		
700		9		
800		10		
900		11		
1000	17.5°	12		

REMARKS.

8.5.17. 1000 fms. 17.5°
 17.5° at 1000 fms. 17.5°
 15° at 500 fms. 17.5°
 17.5° at 100 fms. 17.5°
 17.5° at 25 fms. 17.5°

No. 25561 Date 27th 1800
Sigsbee Machine. Reel. 2

Turns 569 Cor. + 50 Depth 619

Shot or lead 38 lbs

Bottom 9 m. deep

Bottom temperature 38°

No. of Thermometer 57260 Cor. - 1.7

Corrected temperature 37.3°

Air 60° Surface 55° Drift.

Trawl or dredge or tangles.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
11.20		300		
11.5		400		
11.2		500		
11.07	0	600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
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4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

42°
76°
36.3°
19.7°
14.7°

No. 2557 H. ^{1/2} Date Aug 11Machine. ^{1/2} 2 Reel.

Turns 499 Cor. + 43 Depth 542 fms.

Shot or lead 38 lbs.

Bottom Rh.

Bottom temperature 38.

No. of Thermometer 5 Cor. - 0.7

Corrected temperature 38.3

Air 59° Surface 53° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5. 19. 00	5. 19. 30	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	62	1		
50	37	4		
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

8607 B
No. 25-35 by Date 10-21.00
Dredge Machine. #2 Reel

Turns 6° Cor. + 5° Depth 756 fms
~~Shot or lead~~ 38 lbs

Bottom gn. m

Bottom temperature $37^{\circ} \frac{3}{4}$

No. of Thermometer 57260 Cor. - 0.7

Corrected temperature 36.6

Air 52° Surface 52° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.04.00	26.50	0		
05.30	25.50	100		
06.45	24.55	200		
07.50	24.00	300		
09.10	23.00	400		
10.30	22.55	500		
12.00	21.35	600		
13.40	11.19.20	697		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
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R. T. C. V.

*1 17
35.03 47
136.0
15*

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

567
C. A. P.
No. 333851. Date August 28/90.
Sounding Machine. Reel. 2

Turns 575 Cor. + 50 Depth 625

Shot or lead 38 lbs.

Bottom gr. w. + sand

Bottom temperature 18°

No. of Thermometer 51260 Cor. - 0.7

Corrected temperature 37.3

Air 52 Surface 51 Drift. 5-27-2.5°

Trawl or dredge or tangles G. R. v. Bessie

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5-11-115	5-20-45	0	5-32-10	7-27-0
		100	5-15-15	
		200	5-15-15	
		300	4-1-2	
		400	4-1-2	
		500	5-1-0	
5-11-30	5-14-0	600	5-11-0	
		700	5-11-45	7-7-45
		800	6-1-0	
		900	4-1-0	
		1000	5-1-0	
		1100	11-3-3	
		1200	6-15-0	
		1300	1-1-2	6-49-30
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				
2 qts.				
Deep-sea Star fish.				
4 Large <i>Sebastolobus</i> .				
Sponge.				
1 Large & 2 Small Deep-sea Crabs.				
1 qt. <i>Alcyonarians</i> .				
Sea Anemones.				
few Shells.				
Naked Mollusks.				
<i>Holothurians</i> .				

No. 5339 J2 Date

Dredge Machine #2 Reel.

Turns 127 Cor. + 11 Depth 138 fms.

Sheet or lead 38 lbs.

Bottom 716.

Bottom temperature 38.1

No. of Thermometer 5 Cor. - 0.1

Corrected temperature 37.4

Air Surface Drift. 2^{mi} E N.E.

Trawl or dredge or tangles Large bear.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
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2500
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3700
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3900
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	42.00	197		
50	41.670	186		
100				
200				
300				
400				
500				
600				
700				
800	41.43			
900	39.8			
1000	38.5			

REMARKS

Wd. on board
1/14. 1914. 1/14. 1914.

b.
K. A. R.

No. 30-100 Date 1-29-1890

Sounding Machine. Reel.

Turns 640 Cor. + Depth 695 fms

Shot or lead 38 lbs

Bottom m

Bottom temperature 37.5

No. of Thermometer 57260 Cor. - 0.7

Corrected temperature

Air 54° Surface 52° Drift. 2° E. N. E.

Trawl or dredge or tangles Large Barn

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
6 03 10	01 55	0	6. 3. 25	35-0
(10 00	100	29. 00	33-0
	11 12	200	32. 50	30-0
	12 15	300	36. 20	27-0
	13 20	400	39. 00	24-0
	14 16	500	43. 35	21-0
	15 2	600	45. 23	18-0
	16 25	640	48. 15	15-0
		700	52. 30	12-0
		800	55. 10	9-0
		900	59. 40	6-0
		1000	61. 20	03-0
		1100	66. 35	8. 00. #0
		1200	10. 00	56. 00
		1300	14. 30	7. 63. 00
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900	89.5	1000	1.000	88.5
1000	86.5	1000	1.000	85.5
800	87.0	1000	1.000	86.0

REMARKS.

Small Hermit crabs

1 pair little dev. baby

Scorpaenidae

180 ~~Scorpaenidae~~ 400 ~~Scorpaenidae~~

1 Muraena fish, few Pelecypods,
1 exceedingly large Monacanthus,

✓ 567.
No. 200118 Date 1 - 25⁵ 11, 18
Sigsbee Machine. *2 Reel.

Turns 453 Cor. + 41 Depth 1494 fms.
Shot or lead 38 lbs.

Bottom gn. M. & S.

Bottom temperature 38.6

No. of Thermometer 57 Cor. - 7

Corrected temperature 37.9

Air 54° Surface 51° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.63.26	12.63.26	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	42.00	197		
50	45.2	158		
100				
200		170		
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3341 Dr Date Aug. 29. '98

Sigsbee Machine. Reel.

Turns 62 Cor. + 3 Depth 67 fms

Shot on lead 38 lb

Bottom free of s

Bottom temperature

No. of Thermometer 47-60 Cor. - 0.7

Corrected temperature 46.1

Air 55° Surface 52° Drift. 1' N E x N

Trawl or dredge or tangles 1' 21. Beam

SOUNDING WIRE.

3.711

DOWN. UP.

TURNS.

5 05.10

5 00

0

06.00

5 06.00

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

DREDGE ROPE.

3.711

UP.

DOWN.

5 13.45

5

5 13

5 0.00

22.03 5.45.00

Trawl come up empty

5 33.50 6.26.00

56.00 23.30

6.00.00 21.00

03.00 6.20.00

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

~~42 00
62
4138~~

~~10.7
10.2
5~~

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

2 Rock Cod & a few shrimp

5673

No. 2560 day Date Aug. 29. 90
 Sigsbee Machine. 2 Reel.

Turns 90 Cor. + 17 Depth 20 fms

Shot or lead 38 lbs

Bottom N

Bottom temperature 40.2°

No. of Thermometer 57260 Cor. -0.7

Corrected temperature 39.5

Air 53 Surface 52 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.50.10	57.20	0		
50.50	53.50	100		
51.30	7.54.00	190 200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
442.00		3200	
19.0		3300	
401.0		3400	
10.7		3500	
18.0		3600	
7		3700	
10.0		3800	
2		3900	
		4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine. 2 Reel.

Turns 1066 Cor. + 86. Depth 1152 fms

Shot or lead 60 lbs.

Bottom 7M.

Bottom temperature 36.2

No. of Thermometer 57260 Cor. - 0.7

Corrected temperature 35.5

Air 54° Surface 52° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.45.00	11.09.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	42.07	197		
50	10.66	11		
100	3	101		
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 11 Date Jan. 20th 90

Machine. - Reel.

Turns 2000 Cor. + 44 Depth 2177 fm

Shot or lead 60 lbs

Bottom 44 fm. M.

Bottom temperature 35.6

No. of Thermometer 37260 Cor. + 0.7

Corrected temperature 34.9

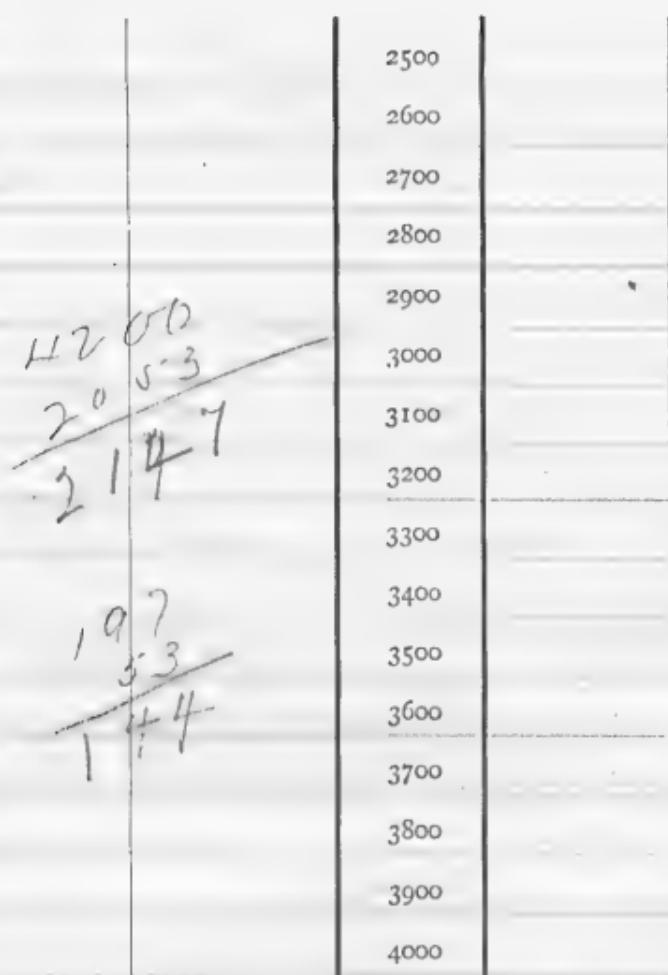
Air 55 Surface 874 Drift.

Trawl or dredge or tangles

SONDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
2.08.00	54.00	0		
09.10	53.40	100		
0.10	52.35	200		
1.20	52.15	300		
12.50	51.30	400		
14.00	50.45	500		
15.00	50.00	600		
16.00	49.10	700		
16.55	48.20	800		
17.55	47.30	900		
18.50	46.40	1000		
19.50	45.50	1100		
20.40	45.00	1200		
21.35	44.15	1300		
22.45	43.45	1400		
23.50	42.45	1500		
24.40	41.30	1600		
25.35	40.60	1700		
26.30	39.30	1800		
28.00	36.20	1900		
29.10	34.30	2000		
30.45	2.31.50	2100		
		2200		
		2300		
		2400		



SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 25-111 H. L. Date 11. 1. 1902
Siamese Machine. 2 Reel.

Turns 245 Cor. + 16 Depth 2620 fms.

Shot or lead 60 lbs.

Bottom 9 fms.

Bottom temperature 35.2

No. of Thermometer 57260 Cor. - 0.7

Corrected temperature 34.5

Air 55° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
52.00	48.00	0		
72.00	62.00	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	112.0	197		
50		30		
100	111	162		
200		2451		
300		2652.0		
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2564 NY Date

Oct. 23, 1893

Sug. No. Machine. Reel.

Turns 2762 Cor. + 173 Depth 3935

Shot or lead 60 lbs.

Bottom true 68.8 & 16.03.

Bottom temperature 35.1

No. of Thermometer 50.6 Cor. - 0.1

Corrected temperature 35.1

Air 54 Surface 53 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

9-29-0 10-31-0

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

10-08-30 10-06-0

 2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2565 the Date Aug. 20, 1870
Digger Machine. #2 Reel,

Turns 2000 Cor. + 173 Depth 1925 fms.

Shot or lead 60 lbs

Bottom 99.08

Bottom temperature 36°

No. of Thermometer 54.21 Cor. - 0.7

Corrected temperature 35.3

Air 54° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
53.00	3.02.00	0		
57.00	0.01.00	100		
9.00	3.00.00	200		
21.00.15	59.00	300		
01.15	58.00	400		
13.00	57.00	500		
1.00	56.00	600		
01.14.25	55.20	700		
06.25	54.30	800		
06.30	53.20	900		
04.40	52.50	1000		
06.40	51.30	1100		
10.45	50.55	1200		
11.30	50.00	1300		
13.35	49.00	1400		
13.47	48.00	1500		
15.00	47.00	1600		
16.20	46.40	1700		
1.00	45.40	1800		
10.20	44.10	1900		
20.30	42.20	2000		
11.40	41.20	2100		
22.50	40.00	2200		
23.50	39.20	2300		
27.30	38.50	2400		

228.40	39.00	2500		
29.50	36.00	2600		
30.30	3	2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
227.50	3400			
21.14	3500			
11.13	3600			
10.7	3700			
7.3	3800			
11.3	3900			
2.2	4000			

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date

Machine. Reel.

Turns 2608 Cor. + 168 Depth 2776 fms.

Shot or lead

Bottom 84.02

Bottom temperature 35.

No. of Thermometer 57 260 Cor. - 0.7

Corrected temperature 34.

Air Surface Drift.

Trawl or dredge or tangles.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.	3.12.	0		
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				
1100				
1200				
1300				
1400				
1500				
1600				
1700				
1800				
1900				
2000				
2100				
2200				
2300				
2400				

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	42.00	197		
50	26.08	29		
100	15.91	168		
200		26.08		
300		417		
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 236 Date 10/10/18 Machine. — Reel.

Turns 2762 Cor. + 1300 Depth 271 fms

Shot or load 60 lbs

Bottom 4. M. 1

Bottom temperature 35.2

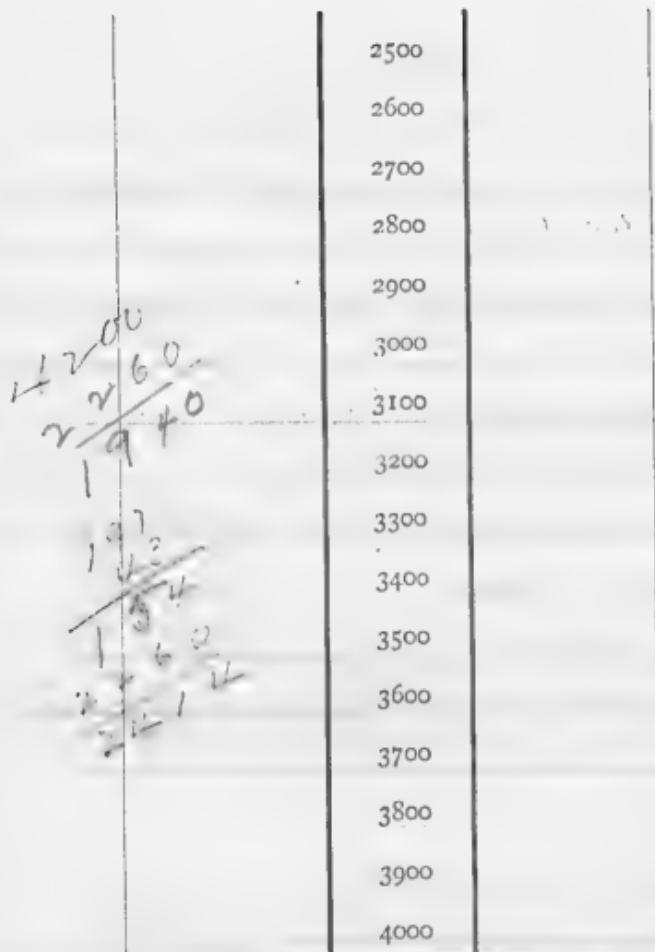
No. of Thermometer 57.6 Cor.

Corrected temperature 35.1

Air 54 Surface 52.0 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
16.00	5.16.07	0		
	14.00	100		
18.00	13.00	200		
	10.00	300		
20.00	07.00	400		
21.00	05.00	500		
22.00	03.00	600		
23.00	01.00	700		
24.00	5.00.20	800		
25.00	59.8	900		
26.15	58.40	1000		
27.20	57.5	1100		
28.20	56.00	1200		
29.00	56.10	1300		
30.10	55.20	1400		
31.20	54.3	1500		
32.30	53.425	1600		
33.40	52.56	1700		
34.5	51.7	1800		
35.5	51.40	1900		
36.5	50.11	2000		
37.5	49.8	2100		
38.15	48.00	2200		
39.20	46.60	2300		
		2400		



SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 551 Date

Machine. Reel.

Turns 1400 Cor. + 1400 Depth

Shot or lead 60 lbs

Bottom gy. 03

Bottom temperature 35.3

No. of Thermometer 1 Cor.

Corrected temperature 35.1

Air 55° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
7. 212.00	28.00	0		
8. 05.00	8.08.00	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	42.00	19.7		
50	19.90	55		
100	22.10.	14.2		
200		19.90		
300		21.3		
400		2		
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 9 Day of Date Sept. 1
Machine. 2 Reel.

Turns 1830 Cor. + 133. Depth

Shot or lead 60 -

Bottom 94.03.62 S.

Bottom temperature 33°

No. of Thermometer 57260 Cor. - 0.7

Corrected temperature 35.1

Air 57° Surface 56° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	412.00	197		
50		6.0		
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 95767 Date Sept. 2, 1903.
Machine. Reel. 7

Turns 1040 Cor. 0 Depth 1050

Shot on lead 6 lbs.

Bottom Lt. br. 0g

Bottom temperature 36.0

No. of Thermometer 36.0 Cor. 0

Corrected temperature 35.3

Air 56 Surface 56 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
100	100	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

11/11/11
11/11/11

567
No. 2671 NY Date ✓

Machine. Reel.

Turns 1455 Cor. + 111. Depth 1566 f.

Shot or lead 60 lbs.

Bottom gy. Oz. tr. M. & S.

Bottom temperature 36-

No. of Thermometer 5 Cor.

Corrected temperature 35.5

Air 57° Surface 57° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
	9.18.00	0		
49.00	8.50.30	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	42.00	1.97		
50	14.55	0.6		
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3342 Date 11. 1. 1911
 Siebe Machine. Reel.

Turns Cor. + Depth 456 fms

Shot or lead 60 lb

Bottom gy. & w. S.

Bottom temperature 36°

No. of Thermometer Cor. -0.7

Corrected temperature 35.3

Air 56° Surface 57° Drift. 1 mi 8.8 x E.

Trawl or dredge or tangles Line 15 fms

SOUNDING WIRE.			DREDGE ROPE.		
DOWN.	UP.	TURNS.	DOWN.	UP.	
011.00	35.30	0	3"	116.00	
05.20	35.00	100	45.5	116.00	
06.25	34.30	200	43.0	112.00	
07.25	35.40	300	47.15	110.00	
		400		39.00	
		500		31.00	
		600		21.00	
		700	9.50	11.00	
		800		11.30	
		900	1.0	18.10	
00	27.20	1000	12.10	14.00	
15.00	26.25	1100	16.40	10.12	
16.10	25.05	1200	19.30	16.10	
17.20	23.30	1300	22.00	10.50	
		1400	15.0	10.10	
		1500	2.5	5.50	
		1600	30.00	50.00	
		1700	34.15	46.00	
		1800	37.20	40.00	
		1900	39.40	36.20	
		2000		17.00	
		2100	15.10	11.00	
		2200	1.0	2.00	
		2300		1.00	
		2400	17.10	11.00	

97	2500
84	2600
113	2700
11	2800
4200	2900
1475	3000
2775	3100
	3200
	3300
	3400
	3500
	3600
	3700
	3800
	3900
	4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1. (1) Open, 2 kinds of coral, blacked & white
2. (2) Open, 2 kinds of coral, blacked & white,
 sea Anemone, 1 Sucker Fish,
 Coral, blacked, 1 large shell &
 Anemone, 1 Sucker Fish, ~~small~~
 3 kinds of coral, blacked & white.

No. 3343 57.		Date 8/22/21/30.
Regulator	Machine.	Reel. # 2
Turns 475	Cor. + 41	Depth 516
Shot or lead	58 lbs.	
Bottom	gw w	
Bottom temperature	39.5	
No. of Thermometer	57260	Cor. -0.7
Corrected temperature	38.2	
Air 53	Surface 54	Drift. 2 ^m S 8° S
Trawl or dredge or tangles large beam		
SOUNDING WIRE.		AIR DREDGE ROPE.
DOWN.	UP.	DOWN.
9-27-0	9-15-0	9-27-11-0
10-0	18-0	31-30
11-0	20-0	34-1
12-0	21-30	37-1
13-0	22-30	41-2
14-30	24-0	42-0
		45-0
		47-30
		48-0
		51-3
		53-0
		54-2
		54-0
		10-0-0 10-30-0
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900	16.5	C. inc.	16.0	16.0
1000	14.5	C. inc.	14.0	14.0
Hab. C. inc. C. inc. C. inc. C. inc. C. inc.				
See 2800m. Small C. inc.				
See 2800m. Small C. inc.				
1/2 hr. C. inc. C. inc. C. inc. C. inc.				
3 Spec. C. inc. C. inc. C. inc. C. inc.				
3 Spec. C. inc. C. inc. C. inc. C. inc.				

1163
567. J.E.B

No. 6344 Date

Sigsbee Machine. No 2 Reel.

Turns 767 Cor. + 64. Depth 831 fms.

Shot or lead 35 lbs.

Bottom gr. m.

Bottom temperature

No. of Thermometer 572 Cor. + 0.7

Corrected temperature 36.8

Air 55 Surface

Drift. -

Trawl or dredge or tangles

SOUNDING WIRE.			DREDGE ROPE.		
DOWN.	UP.	TURNS.	DOWN.	UP.	
	12.20	0	1.24. 17	11. 7. 00	
12. 17	11. 12. 00	100	1. 15. 33		
		200			
		300			
		400			
		500			
		600			
		700			
		800			
		900			
		1000			
		1100			
		1200			
		1300			
		1400			
		1500			
		1600			
		1700			
		1800			
		1900			
		2000			
		2100			
		2200			
		2300			
		2400			

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	4200	767	197	
50	767	16	137	
100	3433	831	64	
200				
300	<i>Stokes</i> <i>air</i> <i>ray</i> <i>on</i> <i>middle</i>			
400	<i>air</i> <i>air</i> <i>air</i> <i>air</i>			<i>water</i>
500	<i>down</i>			
600				
700				
800				
900				
1000				

REMARKS.

1 fish,
1 *Caranx* *viridis*
a few small fish.

No. 3345-5 Date 5/11/90 11
P. 11 Machine. Reel. 62

Turns 700 Cor. + 0.0 Depth 759'

Shot or lead 60 lbs.

Bottom gun M

Bottom temperature 38°

No. of Thermometer 57.260 Cor. -0.7

Corrected temperature 37.5°

Air 56 Surface 57 Drift.

Trawl or dredge or tangles None

SOUNDING WIRE.

A. D. DOWN.	UP.	TURNS.	DOWN.	UP.
5-21-50	5-111-0	0	5-51-0	54-0
23-0	40-0	100	55-0	
25-25	39-0	200	59-0	
26-30	36-0	300	6-08-0	
28-0	37-0	400	06-0	
29-30	36-0	500	09-45	
31-0	35-0	600	12-0	
33-30	5-811-0	700	15-0	
		800	18-0	
		900	32-45	
		1000	36-0	27-30
		1100	30-40	24-0
		1200	85-0	21-0
		1300	87-30	18-30
		1400	41-0	15-45
		1500	44-0	7-11-30
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Trawl came up
dolphin -

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

few Crinoids. few Ophiurans.
" Star fishes.
1. *Platolobus*. 7 Mac.

No. 121 Date

Dredge Machine. #2 Reel.

Turns Cor. Depth

Shot or lead 35 lbs.

Bottom gn. M.

Bottom temperature 38°

No. of Thermometer 57.2 60 Cor. -0.7

Corrected temperature 37.5°

Air 55 Surface 54 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	129.5	1.58.00
		100	110.00	10.16.00
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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2600
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2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	42.00	197		
50	72.6	137		
100		60		
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

no air in

at 1000



No.

Date

Machine. Reel.

Turns Cor. + Depth 345

Shot or lead

Bottom

Bottom temperature

No. of Thermometer Cor. - 0.7

Corrected temperature 40°

Air 54 Surface Drift. SSW 2.5

Trawl or dredge or tangles

SOUNDING WIRE.		DREDGE ROPE.	
DOWN.	UP.	DOWN.	UP.
	0		52 - 30
	700	48.00	4 - 12 - 30
	200		
	300		
	400		
	500		
	600		
	700		
	800		
	900		
	1000		
	1100		
	1200		
	1300		
	1400		
	1500		
	1600		
	1700		
	1800		
	1900		
	2000		
	2100		
	2200		
	2300		
	2400		

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3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	52.00	197		
50	51.7	164		
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1st. Shallow sea.

2nd. 600 fms. 600 fms. 600 fms.

3rd. 2000 fms. 2000 fms. 2000 fms.

4th. 3000 fms. 3000 fms. 3000 fms.

few naevi numerous

148
No. 2572 Hy Date Oct. 24, 1911
anner Machine. Reel.

Turns 26 Cor. + Depth 26

Shot or lead 28 lbs.

Bottom 6K b. + P

Bottom temperature 56°

No. of Thermometer 57260 Cor. - 0.4

Corrected temperature 56.4

Air 53 Surface 51 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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		1600		
		1700		
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		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2573. By Date Sept 24/90

Sigebur Machine. Reel. 2

Turns 48 Cor. + 4 Depth 52

Shot or lead 35 lb

Bottom dk w v s

Bottom temperature 50

No. of Thermometer 57360 Cor. - 0.4

Corrected temperature 49.6

Air 53 Surface 54 Drift.

Trawl or dredge or tangles -

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10 - 0 - 0	10 - 03 - 0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

~~11/24/90~~
No. 2545 Date ~~11/24/90~~ 11/24/90
Machine. Reel.

Turns 408 Cor. + 18 Depth 226

Shot or lead 38 lbs.

Bottom 48 fms

Bottom temperature 45°

No. of Thermometer 1156 Cor. - 0.4

Corrected temperature 44.8

Air 53 Surface 52 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10-0	10-0	0		
37-0	10.43.0	108		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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2800
2900
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3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

4

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 2575 No Date Sept. 22/90.
Singer Machine. Reel. 2
Turns 450 Cor. + 39 Depth 489
Shot or lead 3816.

Bottom 1 gm. m.

Bottom temperature 40.5

No. of Thermometer 57260 Cor. - 0.7

Corrected temperature 40.8

Air 53 Surface 52 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11-10-0	11-25-0	0		
12-36	24-0	100		
14-15	21-0	200		
16-1	22-0	300		
18-15	11-20-0	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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3100
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3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

6074
No. 2576 NY Date 11/24/90
Dip. S. Machine. Reel. 2

Turns 310 Cor. + 77 Depth 337 fms.

Shot or lead 3 fms.

Bottom gn. M. : S.

Bottom temperature 43.0°

No. of Thermometer 5/26.0 Cor. - 0.4

Corrected temperature 42.6°

Air 55° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11-54-0	12.07 32	0		
55-15		100		
11.56		200		
55.33	11.55-0	300	300	400
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	4200	197	310	
50	310	170	27	
100	3890	27	337	
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2577 Hyd. Date 10/10/01
Danner Machine. Reel.
Turns 541 Cor. + 1 Depth 55 fms.
Shot or lead 28 lbs.

Bottom R. G. & trk. sh.

Bottom temperature 50°

No. of Thermometer 57 Cor. -0.4

Corrected temperature 49.6°

Air 58° Surface 52° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1. 43. 03	1. 245. 04	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
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2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.	Date	
	Machine.	Reel.
Turns	Cor. +	Depth
<u>Shot or lead</u>		
<u>Bottom</u>		
<u>Bottom temperature</u>		
<u>No. of Thermometer</u> 5		Cor. + 0.2
<u>Corrected temperature</u> 57°7		
<u>Air</u>	<u>Surface</u>	<u>Drift.</u>
<u>Trawl or dredge or tangles</u>		
SOUNDING WIRE.		
DOWN.	UP.	URNS.
		0
		100
		200
		300
		400
		500
		600
		700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

DREDGE ROPE.

DOWN. UP.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.	Date	
	Machine.	Reel.
Turns	Cor. +	Depth
<i>Shot or lead</i>		
<i>Bottom</i>		
<i>Bottom temperature</i>		
<i>No. of Thermometer</i>		Cor. -
<i>Corrected temperature</i>	—	
<i>Air</i>	<i>Surface</i>	<i>Drift.</i>
<i>Trawl or dredge or tangles</i>		
SOUNDING WIRE.		
DOWN.	UP.	TURNs.
		0
		100
		200
		300
		400
		500
		600
		700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400
DREDGE ROPE.		
DOWN.	UP.	

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2600146

Date Oct 2

Machine. Reel.

Turns 156 Cor. + 5 Depth

Shot or lead

Bottom fine sand

Bottom temperature 48°

No. of Thermometer 577260 Cor. 0.4

Corrected temperature 47.6°

Air 55° Surface 52° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
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2900
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3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 2581 Date

Tanner Machine.

Reel.

Turns 78 Cor. + 2 Depth 80.6

Shot or lead 28 lbs

Bottom 20 fms

Bottom temperature 41°

No. of Thermometer 33 Cor. - 6.4

Corrected temperature 48°

Air 55° Surface 53 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
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2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2552 Date 1/1/2001
Chamfer Machine. — Reel.

Turns 104 Cor. + 3

Depth 110 fms

Shot or lead 28

Bottom bk S. + M

Bottom temperature 48°

No. of Thermometer 5726 Cor. - 0.4

Corrected temperature 47.6°

Air 53° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
	7.13.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
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4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
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300				
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500				
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1000				

REMARKS.

No. 155.

Date Sept 24 90

JANUS Machine. Reel.

Turns 258 Cor. + 5

Depth 26 fms.

Shot or lead 29 lbs

Bottom 9 m.

Bottom temperature 44°

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 43.6

Air 55° Surface 52° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
736	743	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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		1700		
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		1900		
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3800

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4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2582 Hy Date Sept 24/10
Danner Machine. Reel.

Turns 965 Cor. + 5 Depth 270

Shot or lead 28 lbs

Bottom 9m 00

Bottom temperature 43.8

No. of Thermometer 573.6 Cor. - 0.4

Corrected temperature 43.4

Air 54 Surface 54 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8-25-0	8-27-0	265		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
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200				
300				
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500				
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800				
900				
1000				

REMARKS.

~~100~~
No. 2585 Hy

Date Sept. 11, 1911

Tanner Machine.

Reel.

Turns 91 Cor. + 2

Depth 95

Shot or lead 28 lbs.

Bottom 96 fms

Bottom temperature —

No. of Thermometer 57260 Cor. —

Corrected temperature —

Air 55 Surface 53 Drift.

Trawl or dredge or tangles.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9-05.0	9-27.0	98		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
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800				
900				
1000				

REMARKS.

No. 2586 Hy Date Oct 11-86
Jan or Machine. Recd.

Turns 79 Cor. + 2 Depth 81

Shot or lead 28 lbs.

Bottom 20 m

Bottom temperature 70° air did not change

No. of Thermometer 57260 Cor. - 1

Corrected temperature -

Air 55 Surface 53 Drift.

Trawl or dredge or tangles

No	SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
	DOWN.	UP.		DOWN.	UP.
	9-25-0	9-30-0	0		
			100		
			200		
			300		
			400		
			500		
			600		
			700		
			800		
			900		
			1000		
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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 25, 17 Nov Date 11 miles
Tamm Machine Reel.

Turns 99 Cor. + 5 Depth 102

Shot or lead 38 lbs.

Bottom 9 m. off

Bottom temperature 48

No. of Thermometer 75 Cor. - 0.4

Corrected temperature 47.6

Air 55 Surface 53 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10	10-45	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
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SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS. .

No. 2535 Hy Date Sept. 12, 1913

Turner Machine. Reel.

Turns 111 Cor. + 5 Depth 226

Shot or lead 28 lbs.

Bottom 445 Gr. obs

Bottom temperature 44.5

No. of Thermometer 54260 Cor. -0.4

Corrected temperature 44.1

Air 55 Surface 53 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
10-45-0	10-55-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

11/26/90.
No. 2589 Hy Date 11/26/90.
Machine. Reel.

Turns 221 Cor. + 5 Depth 226

Shot or lead 28 lbs.

Bottom 9 m deep.

Bottom temperature 44.5

No. of Thermometer 1 Cor. + 0.4

Corrected temperature 44.5

Air 55 Surface 53 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11-40	11-50.0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2590 Hy Date Sept. 25, 1900,
Machine. Reel.

Turns 137 Cor. + 3 Depth 140

Shot or lead 28 lbs.

Bottom 8 x cu.

Bottom temperature 46°

No. of Thermometer 57265 Cor. -0.4

Corrected temperature 46.4°

Air 55 Surface 58 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12-15-00	12-10-00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

547
No. 2591 Hg. 2 Date Sept 25th 1873.
Tanner Machine. — Reel.

Turns 80 Cor. + 2 Depth 82 fms.

Shot or lead 28 lbs.

Bottom fine. s. s. 9.

Bottom temperature 48.4

No. of Thermometer 57 260 Cor. -0.4

Corrected temperature 48°

Air 54° Surface 53° Drift.

Trawl or dredge or tangles.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.55.00	12.57.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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3900
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2592 My 2 Date 1/1/20 1000
Tanner Machine. Reel.

Turns 104 Cor. + Depth 15'

Shot or lead 28 lbs. 6

Bottom M

Bottom temperature 46.8

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 46.4

Air 54° Surface 53° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1.09.00	1.11.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

✓ 567
No. 2593 Date Sept 25th 1876.
Tanner Machine. — Reel.

Turns 22 Cor. + 5 Depth 23 fms.

Shot or lead 28 lbs.

Bottom 71.

Bottom temperature 54.2

No. of Thermometer 57.2 Cor. -0.4

Corrected temperature 44.3

Air 54° Surface 53° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1. 21.00	1. 30.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

~~W.C.D.~~
No. 25944 H. S. Date Sept 25th 18

Tanner Machine. - Reel.

Turns 233 Cor. + 5 Depth 231 fms.
Shot or lead 28 lbs.

Bottom 7 m.

Bottom temperature 44.1°

No. of Thermometer 51 76.0 Cor. - 0.4

Corrected temperature 43.2°

Air 54° Surface 53° Drift.

Trawl or dredge or tangles.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2.12.00	2.20.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

4573
No. 2395 Age Date Sept 5th 1890
Tanner Machine. — Reel.

Turns 129 Cor. + 3 Depth 132 fms.
Shot or lead 28 lbs.

Bottom fine, s. m.

Bottom temperature 47° 4

No. of Thermometer 572600 Cor. - 0.4

Corrected temperature 47° —

Air 54° Surface 53° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2. 35. 00	2. 44. 00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
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SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2596 ~~by~~ Date Sept 25th 1881
Tanner Machine. — Reel.

Turns 75 Cor. + 2 Depth 77 fms.

Shot or lead 28 lbs.

Bottom 77 fms.

Bottom temperature 48.5

No. of Thermometer 57 Cor. - 0.4

Corrected temperature 48.1

Air 54° Surface 53° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2.55.00	2.59.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

K. J.
567
No. 2597 1145 Date Nov 25th 1871
Yannett Machine. — Reel.
Turns 75 Cor. + 2 Depth 77 fms.
Shot or lead 28 lbs.

Bottom fne. s. m.

Bottom temperature 48.5

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 48.5

Air 54° Surface 53° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3.38.00	3.43.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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3900
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2598 Hy^g Date Sept 25th 1873.

Machine. - Reel.

Turns 66 Cor. + 7 Depth 56 fms.

Shot or lead 28 lbs.

Bottom M.

Bottom temperature 48.5

No. of Thermometer 57 1/2 Cor. -0.4

Corrected temperature 47.6

Air 54° Surface 53° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
53.5	57.0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 597 S. Date Sept 25th 1888
Tanner Machine. Reel.

Turns 158 Cor. + 3 Depth 161 fms

Shot on lead 28 lbs.

Bottom 42 m

Bottom temperature 48°

No. of Thermometer 57 26° Cor. -0.4

Corrected temperature 47.6

Air 54° Surface 53° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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3900
4000

SERIAL TEMPERATURE,

DEPTH.	TFMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 7666 Date 7/1/1873
Tanner Machine. — Reel.

Turns Cor. + / Depth

Shot or lead 2

Bottom 9m

Bottom temperature

No. of Thermometer 11 Cor. -0.4

Corrected temperature 46.4

Air 62° Surface 55° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
200	500	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
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		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 15 Date Sept 25

Ganner Machine. Reel.

Turns 75 Cor. + 2 Depth 77 fms

Shot or lead 28 lbs

Bottom gn m

Bottom temperature 48°

No. of Thermometer 5° 26.0 Cor. -0.4

Corrected temperature 47.6

Air 54 Surface 54 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		DREDGE ROPE.	
DOWN.	UP.	TURNs.	DOWN.
2200	400	0	
		100	
		200	
		300	
		400	
		500	
		600	
		700	
		800	
		900	
		1000	
		1100	
		1200	
		1300	
		1400	
		1500	
		1600	
		1700	
		1800	
		1900	
		2000	
		2100	
		2200	
		2300	
		2400	

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2800
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3100
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3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
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800				
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REMARKS.

No. 2102 Date 1. 1. 10
Sounding Machine. Reel.

Turns Cor. Depth

Shot or lead 2866

Bottom 0 m.

Bottom temperature 48.5°

No. of Thermometer 57.260 Cor. -0.4

Corrected temperature 48.1°

Air 54 Surface 54 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5.45.00	5.48.02	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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3100
3200
3300
3400
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3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
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REMARKS.

No. 2653 by Date Sept 15 '12
Machine. Reel.

Turns Cor. + / Depth 6

Shot or lead 28 lbs

Bottom 9 m

Bottom temperature 45°

No. of Thermometer 26 Cor. - 0.4

Corrected temperature 44.6

Air 54° Surface 54° Drift.

Trawl or dredge or tangles.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
00.00	6.05.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
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		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
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200				
300				
400				
500				
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REMARKS.

No. 26111 Date 1/1/12

Danner Machine. — Reel. —

Turns 59 Cor. + 1 Depth 60 fm.

Shot or lead 28 lbs

Bottom 9 m

Bottom temperature 49°

No. of Thermometer 7 Cor. - 0.4

Corrected temperature 49.4°

Air 53° Surface 52° Drift.

Trawl or dredge or tangles.

SOUNDING - WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
27.00	6.28.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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		1800		
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		2000		
		2100		
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		2300		
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SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
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200				
300				
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500				
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1000				

REMARKS:

No. 2605 Hy Date

Janus Machine. Reel.

Turns 30 Cor. + Depth

Shot or lead 28 lb

Bottom 92.7 m

Bottom temperature 50°

No. of Thermometer 5721.0 Cor. -0.4

Corrected temperature 49.6

Air 53° Surface 54° Drift.

Trawl or dredge or tangles.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
00	653.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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		1400		
		1500		
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		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
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1000				

REMARKS.

No. 2606 Key Date Sept 25. 1890
 Tamer Machine. Reel.

Turns 58 Cor. + 1 Depth 59 fms

Shot or lead 28 lbs

Bottom gn. 22

Bottom temperature 46 $\frac{5}{2}$

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 46. $\frac{1}{2}$

Air 53° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
718.00	720.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
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		1800		
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SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

$$\begin{array}{r} 4200 \\ 450 \\ \hline 3750 \end{array}$$

$$\begin{array}{r} 4200 \\ 48 \\ \hline 4152 \end{array}$$

$$\begin{array}{r} 197 \\ 158 \\ \hline 39 \end{array}$$

52

$$\begin{array}{r} 4200 \\ 208 \\ \hline 3992 \end{array}$$

$$\begin{array}{r} 197 \\ 175 \\ \hline \end{array}$$

177